

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—Continued

District and station	Elevation of instruments			Pressure		Temperature of the air										Precipitation			Wind															
	Barometer above sea level	Thermometer above ground	Anemometer above ground	Station	Sea level	Departure from normal	Mean	Departure from normal	Maximum	Date	Mean maximum	Minimum	Date	Mean minimum	Greatest daily range	Total degree days	Mean temperature of the dew-point	Mean relative humidity	Total	Departure from normal	Greatest in 24 hours	Day with 0.01 inch or more	Average hourly velocity	Prevailing direction	Maximum velocity			Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunder-storms
																									Miles per hour	Direction	Date							
Alaska	<i>Ft.</i>	<i>Ft.</i>	<i>Ft.</i>	<i>Mbs.</i>	<i>Mbs.</i>	<i>Mbs.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>		<i>°F.</i>	<i>°F.</i>		<i>°F.</i>	<i>°F.</i>		<i>°F.</i>	<i>%</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>		<i>Mf.</i>											
Anchorage ¹	132	5	44	997.3	1,002.4	.....	22.4	+1.1	49	16	30	-10	13	15	30	1,276	20	81	.33	-.7	.25	5	4.8	n.	22	s.	16	6	5	19	7.1	5.4	1.5	0
Fairbanks ¹	455	5	63	991.5	1,009.5	.....	4.4	+1.0	30	1	14	-26	13	-5	31	1,817	3	85	.21	-.5	.12	6	4.4	n.	14	n.	8	3	19	6.0	4.1	4.8	0	
Juneau ¹	80	6	32	1,001.7	1,004.7	.....	34.1	.....	48	15	39	20	11	30	16	925	32	88	7.52	.....	.....	16	6.5	n.	34	se.	20	1	6	23	8.5	16.7	2.0	0
Nome	43	25	56	1,008.8	1,009.5	.....	14.4	-1.5	31	1	20	-10	25	8	24	1,580	10	74	.41	-.6	.....	5	9.7	n.	37	ne.	13	9	8	13	5.7	4.4	1.3	0
Bethel	28	7	31	1,002.4	1,003.7	.....	13.8	-3.2	36	18	20	-10	25	8	20	1,540	13	89	1.09	+.2	.....	11	10.7	n.	31	.....	13	4	8	18	7.1	6.4	4.7	0
Gambell	32	5	32	1,010.5	1,011.9	.....	18.0	-5.2	34	12	21	-1	28	15	15	1,410	16	88	.52	-.5	.....	12	28.0	nne.	62	nne.	15	4	3	23	8.0	5.2	3.4	0
Ketchikan	75	69	90	1,005.1	1,006.1	.....	42.8	-2.6	53	15	47	30	27	38	15	665	39	84	16.02	-.4	3.07	21	7.4	ne.	34	s.	14	2	3	25	8.7	T	.....	0
Kotzebue	20	5	31	1,013.2	1,013.5	.....	2.8	-3.0	21	4	9	-23	26	-3	21	1,869	0	84	.13	-.2	.....	2	10.0	ne.	38	e.	10	13	9	8	4.4	2.1	6.5	0
McGrath	331	5	31	993.9	1,007.1	.....	5.4	.....	28	1	12	-32	30	-2	29	1,788	4	86	.62	.....	.20	12	.....	nw.	.....	.....	5	6	19	7.6	10.4	9.4	0	
Northway	1,718	5	32	945.8	1,011.5	.....	.....	.....	28	1	7	-42	13	-6	28	1,931	0	87	.27	.....	.09	8	3.0	s.	14	.....	8	1	4	25	8.5	6.1	8.0	0
Summit	2,405	5	30	916.4	1,006.1	.....	11.0	.....	40	15	17	-17	12	5	57	1,618	8	82	1.32	.....	.87	.....	.....	ne.	.....	.....	9	10	11	5.7	16.3	31.7	0	
Hawaii																																		
Honolulu	38	86	100	1,015.2	1,015.9	75.6	+1.1	81	1	80	65	26	72	15	0	1.06	-2.8	.64	16	10.1	e.	21	ne.	3	14	12	4	4.4	.0	.0	1

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Alaska																																		
Bethel	28	7	31	1,002.0	1,003.7	32.4	+9	48	2	37	13	27	28	21	1,009	30	85	2.09	+4	18	12.8	n.	31	20	2	7	22	7.7	.9	.1	0
Gambell	32	5	32	1,006.8	1,007.8	.....	31.3	-3	46	2	34	23	11	28	13	1,045	28	80	1.03	-6	.....	13	21.0	n.	59	s.	22	2	4	25	8.0	2.1	.0	0
Ketchikan	75	69	90	1,010.8	1,011.5	.....	50.8	+4	64	10	56	36	20	46	21	442	46	84	34.27	+14.2	6.77	24	8.0	se.	34	s.	26	3	3	25	8.5	.0	.0	0
Kotzebue	20	5	31	1,005.1	1,005.4	.....	26.7	+2.0	43	2	31	1	27	22	22	1,187	24	86	1.22	+.7	.....	11	13.0	ne.	43	se.	22	5	7	19	7.0	8.8	4.7	0
McGrath	331	5	31	991.5	1,004.4	.....	30.0	.....	47	3	36	1	29	24	19	1,085	26	82	1.31	-.4	.....	9	.....	n.	.....	.....	1	3	27	9.0	8.7	2.6	0	
Northway	1,718	5	32	944.1	1,008.1	.....	26.2	.....	48	10	33	-5	28	20	24	1,203	22	82	.57	.....	.22	11	4.6	e.	28	.....	24	1	3	23	8.4	11.5	6.4	0
Summit	2,405	5	30	917.7	1,005.8	.....	26.6	.....	42	2	32	3	28	21	22	1,188	24	86	2.58	.....	.67	18	.....	e.	.....	.....	2	9	20	7.7	36.1	24.2	0	

¹ Data are airport records.² Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.³ Observations taken bihourly.⁴ Pressure (adjusted to old city elevation), temperature, and hygrometric data from airport; otherwise city office records.⁵ Temperature and precipitation from city records, other data from airport.

NOTE.—Except as indicated by notes 1, 2, 4, and 5 data in table are city office records.

SEVERE LOCAL STORMS, NOVEMBER 1944

[Compiled by Mary O. Souder]

[The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Pomona, Calif., southeast portion.	Nov. 11	9 p.m., P.W.T.	50	0	\$50,000-100,000	Mild tornado	Storm had many of the characteristics of a tornado and could probably be classified as a mild one. Storm originated 2 miles southeast of the center of Pomona. Trees uprooted, buildings overturned or demolished. On 1 ranch the front porch of the main house was demolished by a falling tree, several outbuildings blown over or destroyed, and numerous walnut trees uprooted. At still another place on the same ranch 2 barns, 1 old and 1 comparatively new, were destroyed, but a lean-to between the 2 barns was unharmed and a pile of turkey feathers 30 feet to the west of 1 of the barns was not disturbed. About one-half mile east-northeast of this ranch, walnut trees on a 4-acre plot were uprooted and about 2½ miles east-northeast a long garage, opening to the south, was blown over and the other half unharmed. The 250-pound concrete block on which the garage had been resting was carried 26 feet. At another point 1 orange tree in the center of a large grove was twisted off at the trunk, but none of the nearby trees were damaged. Elsewhere along the storm path the damage was confined almost entirely to uprooted trees, most of them large walnut or shade trees which had rather shallow roots. Path 8 miles long.
South Dakota, western portion.	13-14					Wind and snow	Snowfall of from 6 to 24 inches blocked highways in the Black Hills area so transportation was at standstill and some schools closed.
Collinsville, Okla.	25	4:13 p.m.	200	0	35,000	Tornado	About 25 houses damaged or destroyed; 5 persons injured; path 1½ miles long.
Raton, N. Mex.	25				10,000-15,000	Wind	Property damaged. Wind velocity recorded at 47 miles per hour at the airport and 90 miles in the city.
New York State	29-30				750,000	Snow	Heavy snow fell in central and northern portions of the State reaching a depth in excess of 2 feet at Syracuse which was the area of the greatest fall. Motor traffic was stalled on all highways radiating from the city. In some northern areas there were drifts of from 6 to 7 feet deep. Communication and electric power transmission lines were broken. Damage estimated to telephone lines alone.
Rhode Island, southern portion, to Calais, Maine.	30	p.m.		0		Gale and heavy rain.	The storm swept up the coast from Hatteras, struck Rhode Island savagely, did heavy damage to Cape Cod and Boston's north shore, then dashed against a 15-mile stretch of the Maine shore in what observers called the worst storm in half a century. It was the third bad storm in as many months. Train service on the New Haven R. R., threatened by high water at bridges along the shore route to New York, but no trains were canceled. Rampant surface water and record-breaking tides at noon along the New Hampshire and Maine coasts disrupted Boston and Maine R. R. schedules. A 14-foot tide inundated most Boston wharves along Atlantic Avenue and South Boston waterfront compelling personnel of business firms to vacate first-floor locations. Autoists forced to detour the Fox Hill Bridge connecting Lynn and Saugus and scores of cellars along Surfside Road, East Lynn, were flooded. Much of the damage on Cape Cod to homes that had just been repaired after the recent hurricane. Entire loss of this storm estimated to be millions of dollars.